IMPLEMENTATION OF THE BEST PRACTICES FOR DATA ON THE WEB IN BRAZIL AND COSTA RICA

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Motivation

The Data on the Web Best Practices (DWBP) is a W3C Recommendation with 35 Best Practices to provide guidance to different challenges related to data on the Web publishing and consumption.

The Regional Center for Studies on the Development of the Information Society (Cetic.br) of The Brazilian Network Information Center (NIC.br) and the Judiciary Department of Costa Rica (Justicia Abierta) applied the DWBP Recommendation to publish their data on the Web.

Brazil’s Use Case

Costa Rica’s Use Case

Approach

These two use cases illustrate some of the main challenges faced when applying the DWBP. Such as Metadata, Data licenses, Data provenance, Data quality, Data versioning, Data identification, Data formats, Data vocabularies, Data access and APIs, Data preservation, Feedback, Data enrichment and Data republishation.

Discussion

Both Cetic.br and Justicia Abierta use cases demonstrated the importance of gathering the whole team involved in the process of publishing data. Although neither use cases implemented all the Data on the Web Best Practices, both use cases showed that it is possible to implement some of the DWBP without great effort.